



New-Indy Catawba LLC
P.O. Box 7
5300 Cureton Ferry Road
Catawba, SC 29704

Kevin Taylor
Environmental Engineer
Air Enforcement Branch
Enforcement and Compliance Assurance Division
US Environmental Protection Agency, Region 4
61 Forsythe Street, SW
Atlanta, GA 30303

August 11, 2023

Mr. Taylor:

I am submitting this report pursuant to Paragraph 2(b) of EPA’s November 16, 2023 Consent Decree. Attached is a map indicating the locations of the three on-site monitors and a summary table of recent 7-day rolling average values. Also attached are the compiled 30-minute average values for both H2S readings and meteorological data for each onsite monitoring station.

Paragraph 2(b)

The rolling 7-day averages for H2S readings for this period are summarized as follows:

7-day Period		Onsite 7-day Avgs, ppb H ₂ S		
Period Start (EST)	Period End (EST)	Station 1	Station 2	Station 3
08 / 04 / 2023 00:00	08 / 10 / 2023 23:59	2.7	1.7	1.5

As required by the Order, New-Indy is continually evaluating its ongoing operations and shall continue developing response actions which include the following, among others:

1. New-Indy’s environmental consultant continues to remotely monitor and evaluates each monitoring station’s performance on a regular basis, daily checking and validating the precision checks for each station.
2. The mill continues to supplement the WWTP with peroxide and ferric chloride as discussed in previous reports.
3. New-Indy continues monitoring and optimizing mill processes to minimize organic and chemical losses to the sewer. The sustained reduction in daily H2S levels and rolling averages continues to demonstrate New Indy’s successful implementation of corrective actions.
4. The permanent activated carbon filtration unit continues to operate at the outfall structure (PAB, Post Aeration Basin) to potentially reduce variable ambient H2S and VOC emissions.
5. SCDHEC has approved Trial requests from New Indy Catawba for the use of an industrial odor-reducing aerosol spray (not a masking agent, but an odor reducing agent) and oxygen injection into the primary clarifier influent.

Please let me know if you have questions.

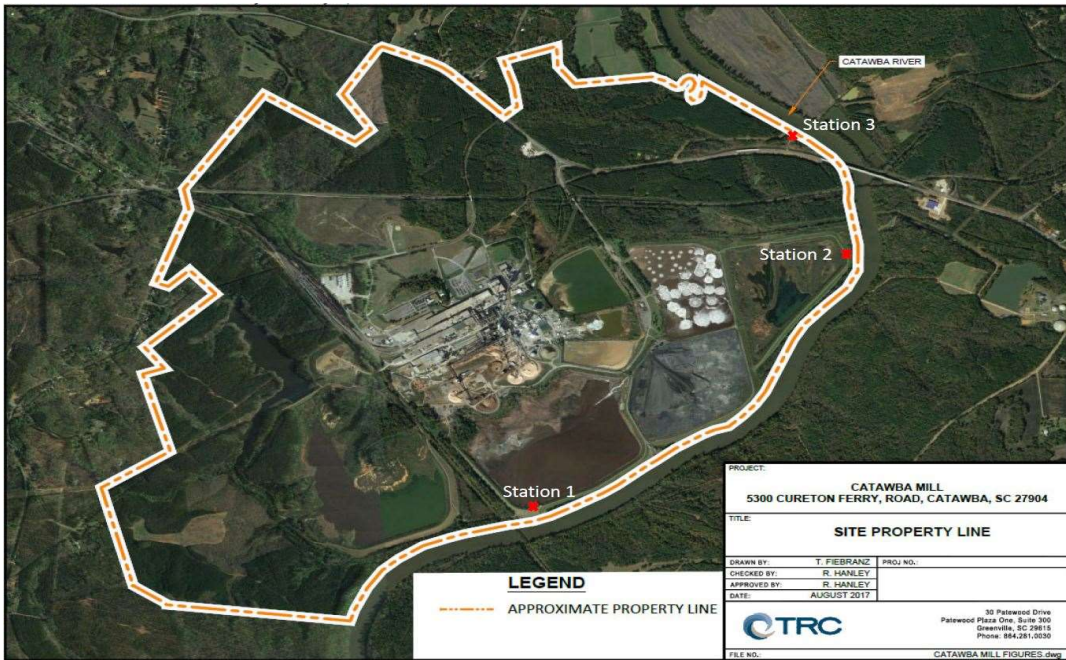
Thank you.

Dave White

Environmental Engineer
cc: Marirose J. Pratt
Associate Regional Counsel
Air & EPCRA Law Office
US Environmental Protection Agency, Region 4
Sam Nunn Atlanta Federal Center
61 Forsythe Street, SW
Atlanta, GA 30303

Attachments:

- Monitor Location Map
- 7-day History (includes 24-hr daily averages, Wind Distribution data, 30-minute averages, and AQS Null Data codes)

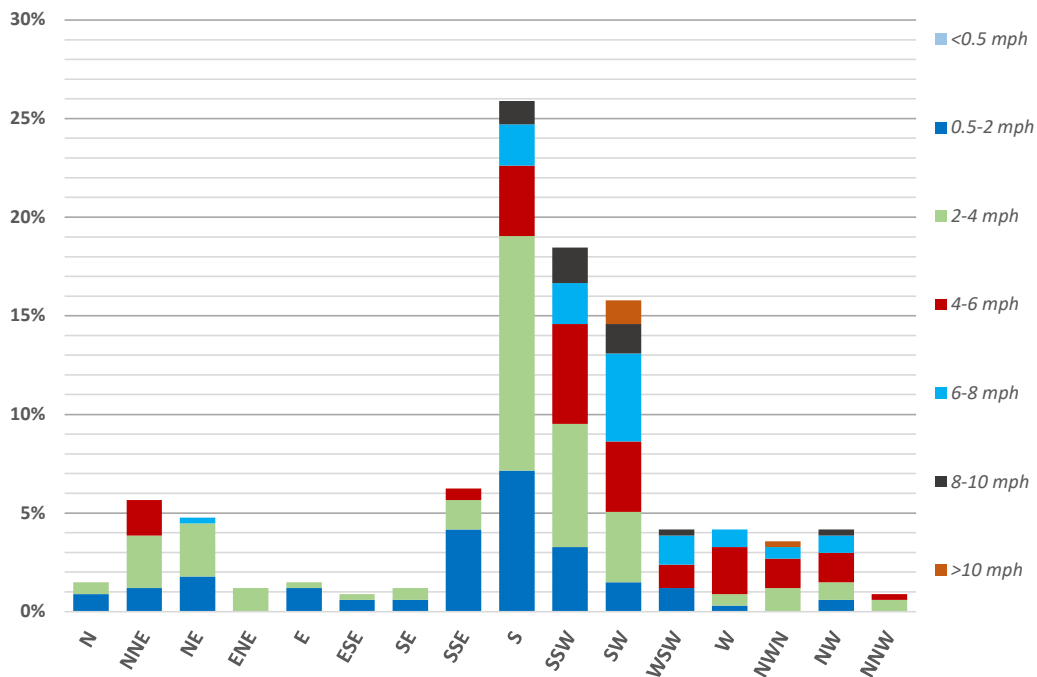


7-day Wind Speed vs Direction - 30min Avgs

(percent of time "From" direction)

From: 08/04/2023 00:00

to: 08/10/2023 23:59



7-day Period		Onsite 7-day Avgs, ppb H ₂ S			24hr Period	Onsite 24hr Avgs, ppb H ₂ S		
Period Start (EST)	Period End (EST)	Station 1	Station 2	Station 3	Calendar Day 00:00 - 24:00	Station 1	Station 2	Station 3
07/29/2023 00:00	08/04/2023 23:59	2.7	0.6	0.5	08/04/2023	1.6	1.3	0.8
07/30/2023 00:00	08/05/2023 23:59	3.3	0.6	0.3	08/05/2023	5.6	0.6	0.4
07/31/2023 00:00	08/06/2023 23:59	3.0	0.7	0.6	08/06/2023	1.3	1.2	2.4
08/01/2023 00:00	08/07/2023 23:59	2.7	1.0	1.1	08/07/2023	1.5	2.8	3.2
08/02/2023 00:00	08/08/2023 23:59	2.3	1.4	1.2	08/08/2023	1.9	3.1	1.5
08/03/2023 00:00	08/09/2023 23:59	2.7	1.5	1.3	08/09/2023	5.7	0.9	0.4
08/04/2023 00:00	08/10/2023 23:59	2.7	1.7	1.5	08/10/2023	1.3	2.4	1.9

30-Minute Avgs EST Ending @ Date / Time	Station 1			Station 2			Station 3		
	H2S	Met		H2S	Met		H2S	Met	
	ppb	WS - mph	WD - deg	ppb	WS - mph	WD - deg	ppb	WS - mph	WD - deg
08 / 11 / 2023 00:00	1.2	2.8	178	2.0	0.9	124	3.3	0.5	72
08 / 10 / 2023 23:30	1.2	2.4	200	0.4	0.9	146	3.6	0.4	251
08 / 10 / 2023 23:00	1.1	1.9	166	0.5	1.2	156	4.3	0.4	206
08 / 10 / 2023 22:30	1.0	2.6	175	0.7	1.2	157	4.7	0.4	186
08 / 10 / 2023 22:00	1.1	2.4	189	0.8	0.9	128	3.9	0.7	170
08 / 10 / 2023 21:30	1.2	2.2	186	0.5	1.1	191	2.9	0.6	202
08 / 10 / 2023 21:00	1.1	2.5	187	2.3	1.2	164	0.9	0.5	262
08 / 10 / 2023 20:30	1.0	3.3	199	7.0	0.8	182	0.2	0.5	316
08 / 10 / 2023 20:00	1.0	2.1	209	4.5	1.0	209	0.2	0.7	282
08 / 10 / 2023 19:30	1.1	3.6	214	8.3	2.7	225	0.2	1.1	261
08 / 10 / 2023 19:00	1.2	4.0	214	2.7	2.3	220	0.2	0.9	277
08 / 10 / 2023 18:30	1.2	3.1	190	2.7	1.7	196	0.7	1.6	240
08 / 10 / 2023 18:00	1.1	3.1	204	4.1	3.7	228	1.7	1.6	284
08 / 10 / 2023 17:30	1.1	4.0	209	2.4	3.7	231	5.5	2.0	240
08 / 10 / 2023 17:00	1.0	4.4	227	3.8	3.1	246	0.2	1.5	246
08 / 10 / 2023 16:30	1.1	4.3	219	4.0	4.0	259	0.2	1.2	298
08 / 10 / 2023 16:00	1.2	4.7	234	3.3	3.8	263	0.2	1.3	275
08 / 10 / 2023 15:30	1.2	4.2	265	2.8	5.1	261	0.2	2.9	241
08 / 10 / 2023 15:00	0.9	5.9	267	4.8	6.4	269	0.2	2.7	264
08 / 10 / 2023 14:30	1.0	7.5	246	5.2	6.8	265	0.2	3.4	251
08 / 10 / 2023 14:00	1.1	7.7	228	3.2	5.6	241	0.4	3.9	240
08 / 10 / 2023 13:30	1.1	7.7	230	4.0	6.0	240	0.2	4.2	251
08 / 10 / 2023 13:00	1.1	7.8	225	3.9	6.2	240	0.2	3.5	241
08 / 10 / 2023 12:30	1.0	9.2	226	2.5	7.4	240	2.4	5.0	238
08 / 10 / 2023 12:00	1.0	9.7	210	1.1	5.8	223	6.1	5.8	223
08 / 10 / 2023 11:30	1.0	9.1	202	0.9	5.7	217	5.8	4.8	219
08 / 10 / 2023 11:00	1.1	6.4	200	1.9	3.9	214	4.6	3.5	218
08 / 10 / 2023 10:30	1.2	6.5	218	2.1	4.3	231	3.9	2.9	255
08 / 10 / 2023 10:00	1.4	8.6	175	0.6	3.3	180	0.2	2.7	195
08 / 10 / 2023 09:30	1.7	4.4	173	5.1	2.2	180	1.6	1.6	173
08 / 10 / 2023 09:00	1.3	7.4	228	10.3	4.2	238	4.0	2.6	252
08 / 10 / 2023 08:30	1.8	6.7	203	3.4	5.3	212	12.0	4.1	215
08 / 10 / 2023 08:00	1.3	8.6	204	0.6	3.8	214	8.2	3.3	213
08 / 10 / 2023 07:30	1.3	3.0	186	0.6	1.2	223	0.2	1.3	183
08 / 10 / 2023 07:00	1.4	3.6	169	0.6	1.1	209	0.2	1.0	156
08 / 10 / 2023 06:30	1.6	3.3	178	0.6	1.2	170	0.2	0.7	140
08 / 10 / 2023 06:00	1.3	2.6	179	0.5	1.2	177	0.2	0.8	148
08 / 10 / 2023 05:30	1.4	1.7	175	0.5	1.2	165	0.2	0.5	183
08 / 10 / 2023 05:00	1.4	2.4	175	0.5	1.6	175	0.5	0.9	171
08 / 10 / 2023 04:30	1.3	2.0	172	0.5	1.4	173	1.1	0.9	198
08 / 10 / 2023 04:00	1.4	2.3	172	0.8	1.0	172	4.5	0.6	227
08 / 10 / 2023 03:30	1.4	1.7	182	0.8	0.6	119	0.4	0.5	283
08 / 10 / 2023 03:00	2.6	2.1	181	0.6	0.5	84	0.2	0.5	185
08 / 10 / 2023 02:30	1.8	1.7	160	0.6	0.8	149	0.2	0.5	121
08 / 10 / 2023 02:00	1.6	2.2	172	0.7	0.9	184	2.8	0.7	176
08 / 10 / 2023 01:30	1.3	2.9	185	2.5	0.8	210	AX	0.8	205
08 / 10 / 2023 01:00	1.5	3.5	195	AX	1.2	197	0.2	0.9	204
08 / 10 / 2023 00:30	AX	2.4	200	0.5	0.8	302	0.2	1.1	240

30-Minute Avgs

EST Ending @

Date / Time

	Station 1			Station 2			Station 3		
	H2S	Met		H2S	Met		H2S	Met	
	ppb	WS - mph	WD - deg	ppb	WS - mph	WD - deg	ppb	WS - mph	WD - deg
08 / 10 / 2023 00:00	2.3	4.0	167	0.5	0.9	283	0.2	1.1	214
08 / 09 / 2023 23:30	2.6	4.0	169	0.8	0.7	335	1.7	1.1	199
08 / 09 / 2023 23:00	1.5	2.6	165	2.8	1.1	115	3.0	1.3	172
08 / 09 / 2023 22:30	2.5	2.4	161	3.2	0.3	191	0.6	0.3	181
08 / 09 / 2023 22:00	2.4	2.0	195	2.4	0.5	338	0.2	0.3	324
08 / 09 / 2023 21:30	1.2	2.9	220	2.0	0.3	312	0.2	0.3	353
08 / 09 / 2023 21:00	2.5	1.7	183	1.9	0.2	351	0.2	0.3	310
08 / 09 / 2023 20:30	2.2	2.2	178	1.0	0.2	103	0.2	0.4	303
08 / 09 / 2023 20:00	2.5	1.9	184	0.5	0.2	35	0.2	0.3	353
08 / 09 / 2023 19:30	4.4	2.5	184	0.4	0.3	127	0.2	0.2	335
08 / 09 / 2023 19:00	1.3	2.4	229	0.2	0.2	104	0.2	0.2	288
08 / 09 / 2023 18:30	1.4	4.0	312	0.4	1.1	348	0.2	0.2	257
08 / 09 / 2023 18:00	1.7	4.7	321	0.5	2.3	315	0.2	0.3	237
08 / 09 / 2023 17:30	1.5	3.8	306	0.5	3.2	298	0.2	0.6	328
08 / 09 / 2023 17:00	1.5	6.3	308	0.4	3.3	328	0.2	1.4	346
08 / 09 / 2023 16:30	1.6	3.7	322	0.5	3.1	334	0.2	0.9	337
08 / 09 / 2023 16:00	1.4	4.3	308	0.8	3.0	314	0.2	1.5	354
08 / 09 / 2023 15:30	1.1	2.7	276	0.7	2.9	255	0.2	1.3	327
08 / 09 / 2023 15:00	1.4	2.3	351	0.5	1.3	80	0.2	1.9	4
08 / 09 / 2023 14:30	1.3	3.8	310	0.5	2.3	9	0.2	2.0	46
08 / 09 / 2023 14:00	1.5	4.4	268	0.6	3.2	316	0.2	1.4	3
08 / 09 / 2023 13:30	1.7	4.5	300	0.6	2.3	284	0.2	2.1	14
08 / 09 / 2023 13:00	1.1	3.0	290	0.5	2.2	12	0.2	2.4	58
08 / 09 / 2023 12:30	1.4	4.9	292	0.5	2.1	321	0.2	2.0	3
08 / 09 / 2023 12:00	1.2	3.9	269	0.5	2.4	318	0.2	1.8	15
08 / 09 / 2023 11:30	1.4	4.4	316	0.6	2.2	9	0.2	1.8	354
08 / 09 / 2023 11:00	2.9	4.1	23	0.6	3.2	308	0.2	1.8	353
08 / 09 / 2023 10:30	3.0	4.9	33	0.6	2.5	336	0.2	2.0	334
08 / 09 / 2023 10:00	6.2	6.2	35	0.6	2.6	319	0.2	1.9	2
08 / 09 / 2023 09:30	7.1	5.7	26	0.6	3.2	331	0.2	2.5	357
08 / 09 / 2023 09:00	7.9	3.0	24	0.5	2.1	349	0.2	2.1	5
08 / 09 / 2023 08:30	7.3	1.9	43	0.5	1.0	315	0.2	2.1	16
08 / 09 / 2023 08:00	5.5	0.9	148	0.6	1.2	325	0.2	1.6	6
08 / 09 / 2023 07:30	2.4	1.0	196	0.9	0.3	133	0.2	0.6	100
08 / 09 / 2023 07:00	1.4	1.2	209	0.7	0.3	334	0.2	0.3	87
08 / 09 / 2023 06:30	1.6	1.1	195	0.7	0.5	354	0.2	0.2	308
08 / 09 / 2023 06:00	2.2	1.5	194	0.7	0.2	334	0.2	0.2	308
08 / 09 / 2023 05:30	3.2	1.6	186	0.7	0.3	27	0.2	0.2	38
08 / 09 / 2023 05:00	5.4	1.4	179	0.7	0.2	4	0.2	0.2	339
08 / 09 / 2023 04:30	5.9	1.3	189	0.7	0.2	347	0.2	0.4	233
08 / 09 / 2023 04:00	13.4	1.2	215	0.6	0.2	278	0.2	0.3	273
08 / 09 / 2023 03:30	18.8	1.0	323	0.6	0.4	359	0.2	0.2	319
08 / 09 / 2023 03:00	39.3	1.1	92	0.6	0.2	93	0.2	0.2	287
08 / 09 / 2023 02:30	30.5	1.5	19	0.7	0.4	32	0.2	0.2	339
08 / 09 / 2023 02:00	24.5	3.2	45	0.9	0.4	28	0.2	0.4	334
08 / 09 / 2023 01:30	19.4	1.3	94	1.3	0.3	56	AX	0.3	346
08 / 09 / 2023 01:00	12.2	1.3	23	AX	0.5	55	1.0	0.5	335
08 / 09 / 2023 00:30	AX	2.5	356	2.0	0.8	31	1.1	0.7	6

30-Minute Avgs

EST Ending @

Date / Time

	Station 1			Station 2			Station 3		
	H2S	Met		H2S	Met		H2S	Met	
	ppb	WS - mph	WD - deg	ppb	WS - mph	WD - deg	ppb	WS - mph	WD - deg
08 / 09 / 2023 00:00	1.9	1.5	278	3.1	0.5	58	1.8	0.3	72
08 / 08 / 2023 23:30	2.2	1.7	257	1.3	0.4	74	0.5	0.4	293
08 / 08 / 2023 23:00	2.6	2.1	217	0.6	0.8	21	0.2	0.5	310
08 / 08 / 2023 22:30	3.5	2.5	176	0.7	0.3	182	0.2	0.6	211
08 / 08 / 2023 22:00	4.6	1.8	191	1.3	0.4	154	0.2	0.8	232
08 / 08 / 2023 21:30	6.9	3.7	75	1.4	0.5	30	0.2	1.3	66
08 / 08 / 2023 21:00	13.7	2.6	42	0.7	0.6	70	0.2	0.5	62
08 / 08 / 2023 20:30	4.6	1.5	243	0.5	0.5	146	0.2	0.6	292
08 / 08 / 2023 20:00	2.4	1.8	221	0.4	0.5	56	0.2	0.3	3
08 / 08 / 2023 19:30	2.1	1.7	224	0.2	0.5	54	0.2	0.5	289
08 / 08 / 2023 19:00	1.1	2.3	233	0.4	0.6	324	0.2	0.5	331
08 / 08 / 2023 18:30	1.5	2.9	297	0.4	0.9	302	0.2	0.3	248
08 / 08 / 2023 18:00	1.4	5.0	305	0.2	1.6	306	0.2	0.2	205
08 / 08 / 2023 17:30	1.1	5.5	296	0.4	3.9	295	0.2	0.7	238
08 / 08 / 2023 17:00	1.8	6.5	311	0.6	3.9	299	0.2	0.9	337
08 / 08 / 2023 16:30	1.4	6.9	303	1.7	4.7	298	0.2	0.9	322
08 / 08 / 2023 16:00	1.3	5.8	288	3.2	4.0	289	0.2	1.4	335
08 / 08 / 2023 15:30	1.9	7.6	308	2.3	5.5	263	0.2	1.9	276
08 / 08 / 2023 15:00	2.0	8.4	305	2.1	5.7	270	0.2	2.3	260
08 / 08 / 2023 14:30	1.2	7.2	285	1.3	5.8	285	0.2	2.0	275
08 / 08 / 2023 14:00	0.9	5.6	266	2.7	5.1	271	0.2	2.3	257
08 / 08 / 2023 13:30	1.0	6.8	235	2.2	5.3	273	0.2	2.4	246
08 / 08 / 2023 13:00	1.1	6.3	270	1.8	5.6	278	0.2	2.2	280
08 / 08 / 2023 12:30	1.8	5.8	291	1.8	5.4	286	0.2	2.8	303
08 / 08 / 2023 12:00	1.2	6.5	266	2.9	5.4	261	0.2	2.0	256
08 / 08 / 2023 11:30	1.2	5.8	265	3.5	5.6	262	0.2	2.1	256
08 / 08 / 2023 11:00	1.4	5.2	262	3.1	4.9	263	0.2	2.2	257
08 / 08 / 2023 10:30	1.1	5.4	246	2.3	4.9	265	0.2	1.5	286
08 / 08 / 2023 10:00	1.3	5.0	265	3.0	3.8	266	0.2	1.8	257
08 / 08 / 2023 09:30	1.3	5.8	248	2.7	4.2	267	0.2	2.6	232
08 / 08 / 2023 09:00	1.2	5.2	228	2.4	4.0	232	0.2	2.1	248
08 / 08 / 2023 08:30	1.1	5.1	245	4.1	4.6	240	0.2	2.4	234
08 / 08 / 2023 08:00	1.2	5.3	243	6.3	4.2	245	0.2	2.5	244
08 / 08 / 2023 07:30	1.0	6.0	243	6.9	4.0	251	0.2	2.1	260
08 / 08 / 2023 07:00	1.1	6.1	220	5.9	3.9	230	1.7	2.6	263
08 / 08 / 2023 06:30	1.0	7.1	211	6.7	4.0	221	2.6	3.5	230
08 / 08 / 2023 06:00	1.0	4.9	214	4.7	4.0	221	0.2	3.0	238
08 / 08 / 2023 05:30	1.1	4.4	222	5.3	3.7	223	0.4	1.5	262
08 / 08 / 2023 05:00	1.2	5.4	207	3.9	3.0	215	4.9	2.8	235
08 / 08 / 2023 04:30	1.1	4.4	200	2.9	2.8	210	4.9	3.1	229
08 / 08 / 2023 04:00	1.0	4.8	216	5.8	3.6	220	0.2	3.0	234
08 / 08 / 2023 03:30	1.0	6.8	237	8.0	4.6	227	0.2	2.0	261
08 / 08 / 2023 03:00	1.0	6.3	236	7.7	5.3	229	0.2	3.1	241
08 / 08 / 2023 02:30	0.9	4.6	226	5.6	4.5	225	0.2	2.9	248
08 / 08 / 2023 02:00	1.0	3.9	225	9.2	3.6	227	0.2	2.6	251
08 / 08 / 2023 01:30	1.1	6.0	228	10.3	4.5	234	AX	2.7	256
08 / 08 / 2023 01:00	1.1	8.0	209	AX	4.6	229	12.0	3.0	242
08 / 08 / 2023 00:30	AX	7.6	209	2.2	3.5	215	16.3	4.3	228

30-Minute Avgs

EST Ending @

Date / Time

	Station 1			Station 2			Station 3		
	H2S	Met		H2S	Met		H2S	Met	
	ppb	WS - mph	WD - deg	ppb	WS - mph	WD - deg	ppb	WS - mph	WD - deg
08 / 08 / 2023 00:00	1.1	7.2	203	0.5	3.6	213	21.5	3.7	217
08 / 07 / 2023 23:30	1.0	7.8	200	0.5	4.3	213	16.7	3.7	216
08 / 07 / 2023 23:00	0.9	8.2	200	0.5	3.9	212	11.4	3.7	211
08 / 07 / 2023 22:30	1.0	8.3	191	0.4	3.8	210	5.6	3.6	200
08 / 07 / 2023 22:00	1.3	8.4	200	0.4	3.7	207	11.3	3.1	211
08 / 07 / 2023 21:30	1.2	6.2	190	0.5	2.0	216	0.6	2.2	193
08 / 07 / 2023 21:00	1.2	8.4	182	0.5	3.1	201	0.2	2.9	191
08 / 07 / 2023 20:30	1.0	7.3	179	0.5	2.9	196	1.3	2.6	195
08 / 07 / 2023 20:00	1.1	5.3	189	0.8	2.1	187	11.8	2.2	193
08 / 07 / 2023 19:30	1.2	4.3	191	1.9	1.7	187	4.2	1.3	196
08 / 07 / 2023 19:00	7.6	3.4	287	0.2	1.2	118	0.2	1.0	62
08 / 07 / 2023 18:30	1.5	4.5	272	2.5	2.7	311	0.2	0.6	348
08 / 07 / 2023 18:00	1.5	6.5	278	0.7	4.8	283	0.2	1.0	295
08 / 07 / 2023 17:30	3.3	17.8	298	3.2	13.5	284	0.2	3.1	294
08 / 07 / 2023 17:00	0.9	8.5	238	11.4	6.1	242	0.2	2.8	261
08 / 07 / 2023 16:30	1.0	8.5	224	6.5	5.8	228	0.2	3.3	257
08 / 07 / 2023 16:00	1.1	8.8	216	6.8	6.7	230	0.2	4.0	243
08 / 07 / 2023 15:30	1.1	7.8	232	9.8	8.1	237	0.2	5.1	245
08 / 07 / 2023 15:00	1.1	11.2	227	7.9	8.2	242	0.5	5.4	242
08 / 07 / 2023 14:30	1.2	10.1	225	5.0	7.9	232	1.2	4.6	240
08 / 07 / 2023 14:00	1.2	11.8	227	6.9	7.6	238	0.2	4.8	250
08 / 07 / 2023 13:30	1.0	10.7	233	5.1	7.5	243	0.2	3.4	250
08 / 07 / 2023 13:00	1.2	8.4	236	4.5	5.9	239	0.6	5.5	224
08 / 07 / 2023 12:30	1.2	8.0	225	2.9	4.3	238	1.3	3.4	231
08 / 07 / 2023 12:00	1.2	6.0	238	2.9	5.2	237	2.0	3.0	227
08 / 07 / 2023 11:30	1.4	5.9	226	3.1	4.6	236	1.8	3.5	230
08 / 07 / 2023 11:00	1.6	5.8	233	5.0	4.9	256	0.2	3.5	230
08 / 07 / 2023 10:30	1.4	6.4	238	3.4	4.5	244	0.2	2.1	243
08 / 07 / 2023 10:00	1.4	6.1	236	2.9	4.5	233	0.2	3.3	234
08 / 07 / 2023 09:30	1.8	6.5	217	2.9	4.4	230	0.2	3.8	231
08 / 07 / 2023 09:00	1.5	6.0	218	3.4	4.5	231	0.7	2.1	244
08 / 07 / 2023 08:30	1.4	6.0	214	2.4	3.4	218	1.8	2.1	245
08 / 07 / 2023 08:00	1.5	5.7	207	2.5	3.4	222	6.2	1.8	226
08 / 07 / 2023 07:30	1.8	5.0	199	2.0	3.0	212	11.3	1.9	233
08 / 07 / 2023 07:00	1.6	4.2	196	1.3	2.3	210	12.2	1.7	239
08 / 07 / 2023 06:30	1.6	4.7	194	0.8	2.3	203	13.9	1.8	230
08 / 07 / 2023 06:00	1.6	4.6	200	1.4	2.7	210	14.8	2.0	232
08 / 07 / 2023 05:30	1.4	4.8	197	0.5	2.6	212	5.2	1.8	214
08 / 07 / 2023 05:00	1.5	3.8	179	0.5	2.0	191	1.0	1.5	196
08 / 07 / 2023 04:30	1.9	3.9	182	0.5	1.5	191	0.2	1.0	187
08 / 07 / 2023 04:00	1.7	3.7	178	0.5	1.8	183	1.7	1.3	198
08 / 07 / 2023 03:30	1.5	3.0	173	2.6	1.5	193	0.6	1.1	220
08 / 07 / 2023 03:00	1.3	2.3	196	4.0	2.7	222	0.2	1.5	254
08 / 07 / 2023 02:30	1.2	3.2	192	1.3	2.2	207	2.0	1.2	274
08 / 07 / 2023 02:00	1.3	2.2	194	4.2	1.3	213	1.9	0.6	214
08 / 07 / 2023 01:30	1.2	2.3	213	1.1	1.1	197	AX	0.7	276
08 / 07 / 2023 01:00	1.3	2.1	187	AX	0.7	192	1.2	1.2	189
08 / 07 / 2023 00:30	AX	3.3	184	0.5	1.4	191	0.4	1.5	188

30-Minute Avgs EST Ending @ Date / Time	Station 1			Station 2			Station 3		
	H2S	Met		H2S	Met		H2S	Met	
	ppb	WS - mph	WD - deg	ppb	WS - mph	WD - deg	ppb	WS - mph	WD - deg
08 / 07 / 2023 00:00	1.6	4.2	178	0.5	1.3	189	0.2	1.5	186
08 / 06 / 2023 23:30	1.3	4.3	186	0.5	2.3	202	3.6	1.8	198
08 / 06 / 2023 23:00	1.3	5.1	191	0.5	2.3	206	2.0	2.0	199
08 / 06 / 2023 22:30	1.3	4.8	180	0.5	1.9	212	0.8	2.0	194
08 / 06 / 2023 22:00	1.2	4.2	186	0.5	0.9	182	0.6	1.3	177
08 / 06 / 2023 21:30	1.3	3.4	175	0.4	1.0	182	3.8	0.8	167
08 / 06 / 2023 21:00	1.3	3.3	184	0.5	1.4	202	7.9	1.3	178
08 / 06 / 2023 20:30	1.4	3.6	187	0.5	1.6	194	14.4	1.5	209
08 / 06 / 2023 20:00	1.2	3.3	198	1.4	1.3	201	11.6	1.3	208
08 / 06 / 2023 19:30	1.1	4.7	208	1.2	1.5	218	6.6	2.1	222
08 / 06 / 2023 19:00	1.2	4.6	197	0.5	1.4	219	0.2	1.5	205
08 / 06 / 2023 18:30	1.2	3.3	184	0.6	1.6	215	0.2	1.5	191
08 / 06 / 2023 18:00	1.5	4.3	168	0.2	1.2	195	0.2	1.1	185
08 / 06 / 2023 17:30	1.6	4.7	178	0.2	1.7	179	0.6	2.3	179
08 / 06 / 2023 17:00	1.4	3.9	168	1.9	1.7	164	5.9	1.7	184
08 / 06 / 2023 16:30	1.3	4.5	206	6.9	2.6	198	1.5	1.6	225
08 / 06 / 2023 16:00	1.9	2.7	223	6.3	1.4	104	2.6	0.7	8
08 / 06 / 2023 15:30	1.4	6.6	214	2.8	3.6	251	5.2	3.0	238
08 / 06 / 2023 15:00	0.7	8.1	190	0.5	3.7	199	7.1	3.2	211
08 / 06 / 2023 14:30	1.2	6.5	193	0.4	3.5	212	1.5	3.0	207
08 / 06 / 2023 14:00	1.2	7.1	177	0.6	3.6	203	0.2	3.1	198
08 / 06 / 2023 13:30	1.1	7.8	181	0.6	4.1	197	0.4	4.0	203
08 / 06 / 2023 13:00	1.1	6.7	184	0.5	4.3	200	0.4	3.3	202
08 / 06 / 2023 12:30	1.1	7.3	170	0.6	3.9	206	1.2	3.4	218
08 / 06 / 2023 12:00	1.0	6.6	189	0.5	3.5	201	0.7	3.2	199
08 / 06 / 2023 11:30	1.1	4.7	184	0.7	3.1	197	0.6	2.8	220
08 / 06 / 2023 11:00	1.2	4.8	201	0.7	3.6	214	0.7	3.0	211
08 / 06 / 2023 10:30	1.2	4.5	200	0.9	2.4	212	1.1	3.1	197
08 / 06 / 2023 10:00	1.1	4.5	208	1.2	3.2	223	1.6	2.6	192
08 / 06 / 2023 09:30	1.1	4.2	220	1.5	2.9	236	3.6	2.9	202
08 / 06 / 2023 09:00	1.0	1.7	221	2.8	1.5	226	6.4	1.9	200
08 / 06 / 2023 08:30	1.0	1.9	181	4.1	1.5	236	6.6	1.5	176
08 / 06 / 2023 08:00	1.0	2.0	210	1.1	0.8	223	3.1	1.4	186
08 / 06 / 2023 07:30	1.4	1.0	198	0.6	0.6	238	0.2	1.1	198
08 / 06 / 2023 07:00	1.4	0.6	200	0.6	0.3	310	0.2	0.3	261
08 / 06 / 2023 06:30	1.3	1.0	158	0.6	0.2	336	0.2	0.2	137
08 / 06 / 2023 06:00	1.5	1.1	170	0.6	0.3	319	0.2	0.2	179
08 / 06 / 2023 05:30	1.4	1.2	158	0.5	0.3	340	0.2	0.3	297
08 / 06 / 2023 05:00	1.2	1.0	185	0.4	0.3	286	0.2	0.3	284
08 / 06 / 2023 04:30	1.3	1.0	153	0.6	0.2	354	0.2	0.3	223
08 / 06 / 2023 04:00	1.1	1.2	162	0.6	0.2	31	0.2	0.3	105
08 / 06 / 2023 03:30	1.2	1.0	196	0.8	0.2	347	0.2	0.2	263
08 / 06 / 2023 03:00	1.2	1.0	215	0.9	0.2	300	0.9	0.6	243
08 / 06 / 2023 02:30	1.4	0.7	160	1.3	0.2	226	1.8	0.4	181
08 / 06 / 2023 02:00	1.5	1.2	181	2.8	0.2	76	BF	0.3	182
08 / 06 / 2023 01:30	2.7	1.2	138	BF	0.2	55	BF	0.7	103
08 / 06 / 2023 01:00	BF	1.6	188	BF	0.2	11	0.7	0.3	289
08 / 06 / 2023 00:30	BF	1.5	173	0.7	0.2	315	1.2	0.4	247

30-Minute Avgs

EST Ending @

Date / Time

	Station 1			Station 2			Station 3		
	H2S	Met		H2S	Met		H2S	Met	
	ppb	WS - mph	WD - deg	ppb	WS - mph	WD - deg	ppb	WS - mph	WD - deg
08 / 06 / 2023 00:00	2.8	1.6	183	0.6	0.2	317	0.4	0.2	46
08 / 05 / 2023 23:30	3.5	1.3	157	0.7	0.3	94	0.6	0.3	98
08 / 05 / 2023 23:00	2.1	1.3	178	0.8	0.3	87	1.3	0.4	133
08 / 05 / 2023 22:30	1.8	1.4	161	0.7	0.6	67	1.7	0.4	23
08 / 05 / 2023 22:00	2.2	1.2	208	0.9	0.5	332	2.2	0.3	320
08 / 05 / 2023 21:30	2.5	1.8	195	1.0	0.4	11	1.3	0.3	290
08 / 05 / 2023 21:00	4.8	3.2	192	0.9	0.4	115	0.9	0.4	297
08 / 05 / 2023 20:30	7.7	1.9	192	1.4	0.3	110	0.2	0.3	282
08 / 05 / 2023 20:00	11.3	2.9	175	0.7	0.3	268	0.2	0.8	216
08 / 05 / 2023 19:30	8.8	2.1	166	0.6	0.2	74	0.2	0.3	181
08 / 05 / 2023 19:00	5.6	1.5	176	0.2	0.2	319	0.2	0.3	333
08 / 05 / 2023 18:30	2.9	1.7	175	0.2	0.2	73	0.2	0.3	341
08 / 05 / 2023 18:00	1.8	1.5	185	0.2	0.2	79	0.2	0.4	284
08 / 05 / 2023 17:30	1.8	2.6	297	0.5	0.9	52	0.2	0.3	122
08 / 05 / 2023 17:00	1.0	1.8	83	0.6	1.4	48	0.2	0.5	301
08 / 05 / 2023 16:30	1.4	2.9	145	0.5	1.9	359	0.2	1.0	15
08 / 05 / 2023 16:00	2.0	1.3	43	0.4	1.6	245	0.2	2.0	197
08 / 05 / 2023 15:30	1.2	3.0	68	0.5	0.8	204	0.2	1.1	244
08 / 05 / 2023 15:00	1.4	3.7	107	0.6	1.2	77	0.2	1.5	181
08 / 05 / 2023 14:30	1.7	2.3	28	0.5	2.6	6	0.2	2.0	48
08 / 05 / 2023 14:00	1.4	2.6	337	0.5	2.5	335	0.2	1.6	59
08 / 05 / 2023 13:30	1.9	4.5	18	0.5	1.4	235	0.2	2.2	78
08 / 05 / 2023 13:00	1.4	3.0	346	0.5	1.2	49	0.2	2.5	48
08 / 05 / 2023 12:30	2.0	3.9	16	0.5	2.6	30	0.2	2.3	22
08 / 05 / 2023 12:00	1.7	3.4	55	0.6	1.7	35	0.2	1.9	12
08 / 05 / 2023 11:30	1.7	2.4	40	0.6	3.3	304	0.2	2.0	4
08 / 05 / 2023 11:00	1.8	3.3	43	0.6	2.3	286	0.2	1.7	4
08 / 05 / 2023 10:30	3.2	2.5	26	0.6	2.4	347	0.2	1.5	340
08 / 05 / 2023 10:00	2.6	3.1	20	0.6	1.7	331	0.2	2.5	3
08 / 05 / 2023 09:30	5.5	3.2	28	0.6	1.5	354	0.2	1.6	46
08 / 05 / 2023 09:00	6.0	1.8	24	0.6	1.1	7	0.2	1.2	53
08 / 05 / 2023 08:30	4.8	1.2	349	0.5	1.3	272	0.2	0.8	49
08 / 05 / 2023 08:00	7.0	1.9	5	0.5	0.5	322	0.2	0.9	61
08 / 05 / 2023 07:30	16.9	1.2	32	0.6	0.3	315	0.2	0.7	77
08 / 05 / 2023 07:00	8.2	1.3	42	0.6	0.7	297	0.2	0.4	165
08 / 05 / 2023 06:30	6.2	2.3	46	0.5	0.7	1	0.2	0.4	96
08 / 05 / 2023 06:00	7.2	2.5	55	0.6	0.3	26	0.2	0.3	46
08 / 05 / 2023 05:30	13.4	1.1	93	0.6	0.2	9	0.2	0.3	39
08 / 05 / 2023 05:00	11.1	0.8	258	0.6	0.4	351	0.2	0.2	3
08 / 05 / 2023 04:30	5.4	0.8	174	0.5	0.6	358	0.2	0.2	29
08 / 05 / 2023 04:00	6.9	1.0	173	0.5	0.3	38	0.2	0.3	57
08 / 05 / 2023 03:30	12.5	0.9	2	0.4	0.3	1	0.2	0.3	321
08 / 05 / 2023 03:00	9.3	0.9	145	0.5	0.2	43	0.2	0.6	247
08 / 05 / 2023 02:30	17.1	2.6	41	0.6	0.4	1	0.2	0.3	355
08 / 05 / 2023 02:00	9.0	2.2	60	0.7	0.3	3	0.2	0.3	12
08 / 05 / 2023 01:30	13.7	1.4	54	1.1	0.4	4	AX	0.4	329
08 / 05 / 2023 01:00	16.0	1.5	42	AX	0.2	13	0.6	0.2	301
08 / 05 / 2023 00:30	AX	1.9	51	0.6	0.2	0	0.6	0.3	39

30-Minute Avgs

EST Ending @

Date / Time

	Station 1			Station 2			Station 3		
	H2S	Met		H2S	Met		H2S	Met	
	ppb	WS - mph	WD - deg	ppb	WS - mph	WD - deg	ppb	WS - mph	WD - deg
08 / 05 / 2023 00:00	5.7	3.0	49	0.8	0.7	22	1.0	0.6	71
08 / 04 / 2023 23:30	3.0	0.8	104	0.9	0.2	48	0.9	0.5	42
08 / 04 / 2023 23:00	1.1	1.0	196	2.0	0.2	5	0.2	0.4	265
08 / 04 / 2023 22:30	1.3	0.9	165	3.8	0.2	33	0.2	0.4	41
08 / 04 / 2023 22:00	1.3	1.6	164	4.7	0.3	76	0.2	0.4	13
08 / 04 / 2023 21:30	1.4	2.3	192	0.6	0.2	234	0.2	0.5	260
08 / 04 / 2023 21:00	1.4	2.1	182	0.5	0.2	66	0.2	0.3	9
08 / 04 / 2023 20:30	1.5	1.7	174	0.2	0.2	29	0.2	0.2	353
08 / 04 / 2023 20:00	1.4	1.5	173	0.2	0.2	85	0.2	0.3	344
08 / 04 / 2023 19:30	1.9	1.6	172	0.2	0.3	67	0.2	0.4	288
08 / 04 / 2023 19:00	1.8	1.3	116	0.4	0.2	80	0.2	0.4	91
08 / 04 / 2023 18:30	2.1	2.6	58	0.5	0.5	42	0.2	0.2	4
08 / 04 / 2023 18:00	2.4	3.5	32	0.5	1.2	26	0.2	0.6	1
08 / 04 / 2023 17:30	4.0	3.4	19	0.4	1.1	2	0.2	0.4	352
08 / 04 / 2023 17:00	3.2	4.8	22	0.2	1.7	359	0.2	1.2	355
08 / 04 / 2023 16:30	4.7	5.4	31	0.4	1.4	15	0.2	1.2	43
08 / 04 / 2023 16:00	1.7	2.3	90	0.6	2.5	347	0.2	1.8	11
08 / 04 / 2023 15:30	1.2	1.8	151	0.7	2.2	356	0.2	1.7	350
08 / 04 / 2023 15:00	1.2	2.6	153	1.3	2.7	312	0.2	1.6	4
08 / 04 / 2023 14:30	1.1	2.2	144	2.8	1.7	197	0.2	1.7	327
08 / 04 / 2023 14:00	1.0	2.7	189	2.0	1.9	252	0.2	1.1	20
08 / 04 / 2023 13:30	1.0	2.4	197	2.2	1.6	190	1.4	0.9	143
08 / 04 / 2023 13:00	1.0	2.2	172	2.5	2.3	256	1.9	1.3	183
08 / 04 / 2023 12:30	1.4	1.2	237	0.8	1.0	240	0.9	0.6	198
08 / 04 / 2023 12:00	2.2	1.2	149	0.5	1.1	186	0.2	1.2	99
08 / 04 / 2023 11:30	4.8	3.3	11	0.5	1.1	284	0.2	1.3	120
08 / 04 / 2023 11:00	5.5	4.4	340	0.5	1.5	323	0.2	1.2	9
08 / 04 / 2023 10:30	1.4	1.4	323	0.5	2.0	328	0.2	1.1	349
08 / 04 / 2023 10:00	0.9	2.1	195	0.5	1.2	310	0.2	0.6	356
08 / 04 / 2023 09:30	1.0	2.1	222	1.1	1.4	305	0.2	0.5	312
08 / 04 / 2023 09:00	1.0	2.5	228	5.7	1.2	261	0.2	0.7	291
08 / 04 / 2023 08:30	1.1	2.3	218	2.3	1.4	201	0.2	1.0	253
08 / 04 / 2023 08:00	1.1	3.3	214	3.9	2.3	239	0.2	1.5	240
08 / 04 / 2023 07:30	1.0	2.3	222	4.2	1.5	243	0.2	0.9	245
08 / 04 / 2023 07:00	0.9	3.2	208	0.9	1.7	213	2.4	0.9	264
08 / 04 / 2023 06:30	0.8	3.5	198	3.5	2.0	209	0.6	1.4	230
08 / 04 / 2023 06:00	0.7	4.0	209	1.4	2.2	216	2.7	1.4	241
08 / 04 / 2023 05:30	1.0	4.4	203	1.7	2.4	224	2.8	1.5	240
08 / 04 / 2023 05:00	1.1	3.2	216	3.0	2.8	225	3.7	2.1	231
08 / 04 / 2023 04:30	1.1	3.1	205	0.5	1.3	214	0.5	1.4	206
08 / 04 / 2023 04:00	1.1	3.7	186	0.5	1.2	189	1.4	1.4	179
08 / 04 / 2023 03:30	1.1	3.5	190	0.5	1.8	200	3.8	1.5	185
08 / 04 / 2023 03:00	1.1	3.2	189	0.5	1.3	191	0.9	1.5	189
08 / 04 / 2023 02:30	1.1	2.8	176	0.5	1.3	180	4.1	0.7	153
08 / 04 / 2023 02:00	1.0	2.0	183	0.6	1.1	192	1.1	0.7	218
08 / 04 / 2023 01:30	1.2	2.5	182	0.7	0.8	198	AX	1.1	179
08 / 04 / 2023 01:00	1.2	3.5	176	AX	1.3	203	0.2	0.8	176
08 / 04 / 2023 00:30	AX	4.6	175	0.5	1.6	181	0.2	1.2	216

AQS Null Data Codes	
Qualifier Code	Item Description
AB	TECHNICIAN UNAVAILABLE
AC	CONSTRUCTION/REPAIRS IN AREA
AD	SHELTER STORM DAMAGE
AE	SHELTER TEMPERATURE OUTSIDE LIMITS
AI	INSUFFICIENT DATA (CAN'T CALCULATE)
AM	MISCELLANEOUS VOID
AN	MACHINE MALFUNCTION
AO	BAD WEATHER
AP	VANDALISM
AS	POOR QUALITY ASSURANCE RESULTS
AT	CALIBRATION
AU	MONITORING WAIVED
AV	POWER FAILURE (POWR)
AW	WILDLIFE DAMAGE
AX	PRECISION CHECK (PREC)
AY	Q C CONTROL POINTS (ZERO/SPAN)
AZ	Q C AUDIT (AUDT)
BA	MAINTENANCE/ROUTINE REPAIRS
BB	UNABLE TO REACH SITE
BC	MULTI-POINT CALIBRATION
BD	AUTO CALIBRATION
BE	BUILDING/SITE REPAIR
BF	PRECISION/ZERO/SPAN
BJ	OPERATOR ERROR
BK	SITE COMPUTER/DATA LOGGER DOWN